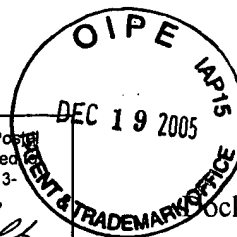


I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to MS RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: December 19, 2005

Signature:

*Carol Marstaller*  
(Carol Marstaller)



Socket No.: 49334-00001USPX  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
James G. Davidson

Application No.: 10/502472

Confirmation No. 5714

Filed: November 23, 2004

Art Unit: 3747

For: METHOD AND APPARATUS FOR  
MEMBRANE SEPARATION OF AIR INTO  
NITROGEN AND OXYGEN ELEMENTS  
FOR USE IN INTERNAL COMBUSTION  
ENGINES

Examiner: M. Gimie

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action after the filing of a Request for Continued Examination under 37 CFR 1.114 (37 CFR 1.97(b)(4)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 10-0447, under Order No. 49334-00001USPX. A duplicate copy of this paper is enclosed.

Dated: December 12, 2005

Respectfully submitted,

By 

Stanley R. Moore

Registration No.: 26, 958

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Attorneys For Applicant



ALTERNATIVE TO PTO/SB/08a/b (07-05)

<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/502472
				Filing Date	November 23, 2004
				First Named Inventor	James G. Davidson
				Art Unit	3747
				Examiner Name	M. Gimie
Sheet	1	of	1	Attorney Docket Number	49334-00001USPX

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code <sup>2</sup> (if known)		

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
	C1**	Linda Wang, "CLEAN DIESEL WORK WINS R&D 100 AWARD", Logos, Fall 1999, Vol. 17, No. 2		
	C2**	Compact Membrane Systems, Inc., "COMBUSTION ENGINE APPLICATIONS", 1/15/2002		
	C3**	Argonne National Laboratory, "CLEANER DIESEL ENGINES POSSIBLE WITH AWARD-WINNING TECHNOLOGY", Frontiers 2000, 1/15/2002		
	C4**	Argonne Transportation, "CHEMICAL FILTER CLEANS UP DIESELS", 1/14/2002		
	C5**	The University of Manchester, "DIESEL EMISSIONS OVERVIEW," Maintenance Engineering Research, 1/15/2002		
	C6**	Argonne National Laboratory, "MODIFYING INTAKE AIR TO REDUCE UNWANTED EMISSIONS IN DIESEL ENGINES", April, 2001		
	C7**	Systems Fire Group, "HOLLOW FIBER MEMBRANE GAS SEPARATION", 1/15/2002		
	C8**	John DeGaspari, "CLEANER DIESELS", Mechanical Engineering Power, 1/15/2002		
	C9**	Technology Transfer at Argonne, "CLEAN-DIESEL BREAKTHROUGH: SIMULTANEOUS DECREASE IN EMISSIONS OF BOTH PARTICULATES AND OXIDES OF NITROGEN DURING COMBUSTION", Argonne National Laboratory, 1/15/2002		
	C10**	R.J.R. Uhlhorn et al., "GAS SEPARATIONS WITH INORGANIC MEMBRANE"		
	C11**	Compact Membrane Systems, Inc., "HOLLOW FIBER MEMBRANE MODULE AND NITROGEN ENRICHED AIR FOR REDUCED DIESEL ENGINE NO <sub>x</sub> ," 1/15/2002		
	C12**	<a href="http://11www.100megsfree4.com/dictionary/car-dicn.htm">http://11www.100megsfree4.com/dictionary/car-dicn.htm</a> , "DICTIONARY OF AUTOMOTIVE TERMS ABBREVIATIONS," 01/21/2002		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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